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# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	10/551,984		
	Filing Date	October 4, 2005	
	First Named Inventor	Florian Gosselin	
	Art Unit	Unassigned	
	Examiner Name	Unassigned	
Total Number of Pages in This Submission		Attorney Docket Number	034299-671

## ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Postcard International Preliminary Examination Report
<b>Remarks</b>		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm	THELEN REID & PRIEST LLP		
Signature			
Printed Name	Suvashis Bhattacharya		
Date	4/28/06	Reg. No.	46,554

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**Translation**

**PATENT COOPERATION TREATY**

**PCT**

**INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY**  
(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference <b>B14275.3JCI</b>	FOR FURTHER ACTION See Form PCT/IPEA/416	
International application No. <b>PCT/FR2004/050138</b>	International filing date (day/month/year) <b>01.04.2004</b>	Priority date (day/month/year) <b>04.04.2003</b>
International Patent Classification (IPC) or national classification and IPC		
Applicant <b>COMMISSARIAT A L'ENERGIE ATOMIQUE</b>		

1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.

2. This REPORT consists of a total of 5 sheets, including this cover sheet.

3. This report is also accompanied by ANNEXES, comprising:

a. ☒ (sent to the applicant and to the International Bureau) a total of 2 sheets, as follows:

☐ sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).

☐ sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.

b. ☐ (sent to the International Bureau only) a total of (indicate type and number of electronic carrier(s)) \_\_\_\_\_, containing a sequence listing and/or tables related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).

4. This report contains indications relating to the following items:

☒ Box No. I Basis of the report

☐ Box No. II Priority

☐ Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability

☐ Box No. IV Lack of unity of invention

☒ Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability: citations and explanations supporting such statement

☐ Box No. VI Certain documents cited

☐ Box No. VII Certain defects in the international application

☐ Box No. VIII Certain observations on the international application

Date of submission of the demand	Date of completion of this report
Name and mailing address of the IPEA/EP	Authorized officer
Facsimile No.	Telephone No.

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**PCT**

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DU TRAITE DE COOPERATION EN MATIERE DE BREVETS)

(règles 44bis.3.c) et 72.2 du PCT)

Destinataire

**BREVETATOME**  
27 MAR. 2006  
POUILLY Gérard  
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23 mars 2006 (23.03.2006)

Référence du dossier du déposant ou du mandataire  
B14275.3JCI

**NOTIFICATION IMPORTANTE**

Demande internationale n°  
PCT/FR2004/050138

Date du dépôt international (jour/mois/année)  
01 avril 2004 (01.04.2004)

Déposant

COMMISSARIAT A L'ENERGIE ATOMIQUE etc

**1. Transmission de la traduction au déposant.**

☐

Le Bureau international transmet ci-joint copie de la traduction en langue anglaise du rapport préliminaire international sur la brevetabilité (chapitre I).

☒

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Il appartient au déposant d'établir la traduction en question et de la remettre directement à chaque office élu intéressé dans le délai applicable (règle 74.1). Voir le volume II du Guide du déposant du PCT pour de plus amples renseignements.

## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/FR2004/050138

Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability;  
citations and explanations supporting such statement

## 1. Statement

Novelty (N)	Claims <u>1-5</u>	YES
	Claims _____	NO
Inventive step (IS)	Claims <u>1-5</u>	YES
	Claims _____	NO
Industrial applicability (IA)	Claims <u>1-5</u>	YES
	Claims _____	NO

## 2. Citations and explanations (Rule 70.7)

1. Reference is made to the following document:

**FR-A-2 809 047** (COMMISSARIAT ENERGIE ATOMIQUE)

23 November 2001 (2001-11-23).

2. **Independent claims 1 and 4**

2.1 **Independent claim 1**

Document **FR-A-2 809 047**, which is considered to be the prior art closest to the subject matter of claim 1, describes (the references between parentheses apply to said document):

- an actuation device including at least two motors (17) that are positioned side by side (see figure 1) on a single part (1) and do not extend in a main direction of extension, and drive shafts that extend in a single direction away from said motors and in the main direction of motor extension.

It follows that the subject matter of claim 1

Box No. V

Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability;  
citations and explanations supporting such statement

differs from this known actuation device in that:

- said actuation device further includes at least two pulleys that are at least essentially coaxial, actuated by said motors and offset along the length of said drive shafts provided, in turn, with pulley-engaging portions that are also offset.

It follows that the subject matter of claim 1 is novel (PCT Article 33(2)).

The problem that the present invention is intended to solve can therefore be considered to be that of providing a more compact actuation device.

The solution to this problem, as proposed in claim 1 of the present application, is considered to involve an inventive step (PCT Article 33(3)), for the following reasons:

No such arrangement of two motors and two at least essentially coaxial pulleys offset along the length of drive shafts, which have, in turn, pulley-engaging portions that are also offset so that the actuation device is more compact, is described or obvious from the available prior art.

## 2.2 Independent claim 4

Independent claim 4 defines an articulated arm

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

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Box No. V

Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability;  
citations and explanations supporting such statement

including an actuation device as per claim 1. As a result, claim 4 fulfils the PCT requirements of novelty and inventive step.

**3. Dependent claims 3 and 5**

Claims 3 and 5 are dependent on claims 1 and 4, respectively. As such, said claims therefore also fulfil the PCT requirements of novelty and inventive step.